



	<u>Reprogram</u>	<u>FY 2013</u>
Revenue Sources		
Sewer Revenue Bonds	116,403,725	52,000,000
Local Other CIP		0
Other Grant Revenue		0
Total Revenues	116,403,725	52,000,000
Expenditure Types		
Engineering - Architecture	10,027,331	7,560,000
Land Acquisition	10,920,002	1,630,000
Land Development	510,000	50,000
Contract Construction	94,946,392	42,760,000
Total Expenditures	116,403,725	52,000,000

Project Name Rehab Existing Sewers
 Project Number SW02001
 Division Priority 1

	Reprogram	FY 2013
Revenue Sources		
Sewer Revenue Bonds	14,173,125	14,000,000
Total Revenues	14,173,125	14,000,000
Expenditure Types		
Engineering - Architecture	2,766,444	1,000,000
Land Acquisition	5,080,650	1,000,000
Contract Construction	6,326,031	12,000,000
Total Expenditures	14,173,125	14,000,000

Project Description / Justification:

This project provides funds for the repair, rehabilitation or replacement of portions of the existing sewer collection and treatment system as needed.

Operating Budget Impact:

None

Project Name Sewer Assessment and Rehab
 Project Number SW05001
 Division Priority 2

	Reprogram	FY 2013
Revenue Sources		
Sewer Revenue Bonds	5,000,000	15,000,000
Total Revenues	5,000,000	15,000,000
Expenditure Types		
Engineering - Architecture	2,000,000	4,000,000
Contract Construction	3,000,000	11,000,000
Total Expenditures	5,000,000	15,000,000

Project Description / Justification:

Service area wide sanitary sewer condition assessment and rehabilitation program in response to State and Federal mandates.

Operating Budget Impact:

None

CIP 2013 DETAIL BY PROJECT

SEWER FUND

Project Name Service To Unsewered Areas

Project Number SW03001

Division Priority 3

	<u>Reprogram</u>	<u>FY 2013</u>
Revenue Sources		
Sewer Revenue Bonds	5,035,296	1,000,000
Total Revenues	5,035,296	1,000,000
Expenditure Types		
Engineering - Architecture	385,150	100,000
Land Acquisition	204,945	40,000
Contract Construction	4,445,201	860,000
Total Expenditures	5,035,296	1,000,000

Project Description / Justification:

This project provides funds for extending sewer service to areas of the City which do not presently have sewers. The City pays the total cost of the projects.

Operating Budget Impact:

None

Project Name Misc Subdivision Outfalls
 Project Number SW01001
 Division Priority 4

	Reprogram	FY 2013
Revenue Sources		
Sewer Revenue Bonds	17,696,352	2,500,000
Total Revenues	17,696,352	2,500,000
Expenditure Types		
Engineering - Architecture	623,375	110,000
Land Acquisition	959,507	90,000
Land Development	510,000	50,000
Contract Construction	15,603,470	2,250,000
Total Expenditures	17,696,352	2,500,000

Project Description / Justification:

This project provides funds to connect new subdivisions to the City's sewer system within the City's annexation area.

Operating Budget Impact:

None

Project Name Sludge Disp/Earth Complex
 Project Number SW02006
 Division Priority 5

	Reprogram	FY 2013
Revenue Sources		
Sewer Revenue Bonds	5,442,074	500,000
Other Grant Revenue	908,192	0
Total Revenues	6,350,266	500,000
Expenditure Types		
Engineering - Architecture	1,097,167	0
Contract Construction	5,253,099	500,000
Total Expenditures	6,350,266	500,000

Project Description / Justification:

This project provides funds for sludge disposal equipment and support facilities to prepare sludge for disposal at the Earth Complex and/or the Maxson Waste Water Treatment Plant.

Operating Budget Impact:

None

Project Name Wolf River Interceptor

Project Number SW04004

Division Priority 6

	Reprogram	FY 2013
Revenue Sources		
Sewer Revenue Bonds	27,517,222	4,000,000
Total Revenues	27,517,222	4,000,000
Expenditure Types		
Engineering - Architecture	829,165	150,000
Land Acquisition	2,910,000	500,000
Land Development	0	0
Contract Construction	23,779,057	3,350,000
Total Expenditures	27,517,222	4,000,000

Project Description / Justification:

This project provides funds for a new interceptor to collect and transport waste water that will parallel the old interceptor to adequately accommodate future flows. It will also extend the interceptor into the Grays Creek to serve existing and future annexation areas.

Operating Budget Impact:

None

Project Name South Plant Expansion

Project Number SW02033

Division Priority 7

	Reprogram	FY 2013
Revenue Sources		
Sewer Revenue Bonds	11,351,205	6,000,000
Local Other CIP	0	0
Total Revenues	11,351,205	6,000,000
Expenditure Types		
Engineering - Architecture	161,500	1,000,000
Contract Construction	11,189,705	5,000,000
Total Expenditures	11,351,205	6,000,000

Project Description / Justification:

This project provides funds for the construction of additional primary clarifiers, blowers, ABF Towers, final clarifiers, screens, and additional ancillary structures/facilities , as needed to meet Federal and State requirements.

Operating Budget Impact:

None

Project Name Stiles Plant Modification

Project Number SW04009

Division Priority 8

	<u>Reprogram</u>	<u>FY 2013</u>
Revenue Sources		
Sewer Revenue Bonds	1,000,000	6,000,000
Total Revenues	1,000,000	6,000,000
Expenditure Types		
Engineering - Architecture	100,000	800,000
Contract Construction	900,000	5,200,000
Total Expenditures	1,000,000	6,000,000

Project Description / Justification:

This project is a cover line and provides funds for the construction of additional treatment facilities, modification of existing treatment facilities, and ancillary structures and facilities as needed to meet Federal and State requirements.

Operating Budget Impact:

None

CIP 2013 DETAIL BY PROJECT

SEWER FUND

Project Name Covered Anaerobic Lagoon
Project Number SW02011
Division Priority 9

	<u>Reprogram</u>	<u>FY 2013</u>
Revenue Sources		
Sewer Revenue Bonds	7,139,316	3,000,000
Total Revenues	7,139,316	3,000,000
Expenditure Types		
Engineering - Architecture	799,530	400,000
Land Development	0	0
Contract Construction	6,339,786	2,600,000
Total Expenditures	7,139,316	3,000,000

Project Description / Justification:

This project is for covering the remaining anaerobic sludge lagoons at Maxson Plant, expanding and renovating the existing dewatering/sludge handling and processing facilities and upgrading the maintenance facilities. These upgrades are in response to Federal and State mandates.

Operating Budget Impact:

None

Project Name Marys Creek Interceptor
Project Number SW03010
Division Priority 10

	<u>Reprogram</u>	<u>FY 2013</u>
Revenue Sources		
Sewer Revenue Bonds	8,414,900	0
Total Revenues	8,414,900	0
Expenditure Types		
Engineering - Architecture	555,000	0
Land Acquisition	164,900	0
Contract Construction	7,695,000	0
Total Expenditures	8,414,900	0

Project Description / Justification:

This project provides reprogram funds to construct a sanitary sewer interceptor to serve a developing area within the Memphis annexation area. This project is funded by a Tennessee State Revolving Loan Fund.

Operating Budget Impact:

None

Project Name Environmental Maint Relocation
Project Number SW04007
Division Priority 11

	Reprogram	FY 2013
Revenue Sources		
Sewer Revenue Bonds	8,000,000	0
Total Revenues	8,000,000	0
Expenditure Types		
Engineering - Architecture	500,000	0
Land Acquisition	1,600,000	0
Contract Construction	5,900,000	0
Total Expenditures	8,000,000	0

Project Description / Justification:

This project provides reprogram funds to relocate the Environmental Maintenance service center and its ancillary operations.

Operating Budget Impact:

None

Project Name Loosahatchie Interceptor
Project Number SW04008
Division Priority 12

	<u>Reprogram</u>	<u>FY 2013</u>
Revenue Sources		
Sewer Revenue Bonds	4,726,043	0
Capital PAY GO		0
Total Revenues	4,726,043	0
Expenditure Types		
Engineering - Architecture	210,000	0
Contract Construction	4,516,043	0
Total Expenditures	4,726,043	0

Project Description / Justification:

This project provides reprogram funds for a new interceptor to collect and transport wastewater that will parallel the existing Loosahatchie Interceptor and will provide capacity to accommodate future flows. This will serve a developing area within the Memphis Annexation Area. The funding source is Tennessee State Revolving Loan Fund.

Operating Budget Impact:

None



CIP SUMMARY BY DIVISION

SEWER FUND

	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
Revenue Sources							
Sewer Revenue Bonds	110,495,533	52,000,000	71,000,000	66,000,000	65,000,000	65,000,000	434,495,533
Use of Fund Balance	5,000,000	15,000,000		5,000,000	5,000,000	5,000,000	35,000,000
Revolving State Loan Fund			0	20	0	0	0
Local Other CIP		0	0	0	0	0	0
Other Grant Revenue	908,192	0	0	0	0	0	908,192
Total Revenues	116,403,725	52,000,000	71,000,000	66,000,000	65,000,000	65,000,000	435,403,725
Expenditure Types							
Engineering - Architecture	10,027,331	7,560,000	8,150,000	7,760,000	7,560,000	7,560,000	40,617,331
Land Acquisition	10,920,002	1,630,000	1,450,000	1,380,000	1,380,000	1,380,000	18,140,002
Land Development	510,000	50,000	50,000	50,000	50,000	50,000	760,000
Contract Construction	94,946,392	42,760,000	61,350,000	56,810,000	56,010,000	56,010,000	367,886,392
Total Expenditures	116,403,725	52,000,000	71,000,000	66,000,000	65,000,000	65,000,000	435,403,725



CIP SUMMARY BY PROJECT

SEWER FUND

Division Priority	Project Number	Project Name	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
1	SW02001	Rehab Existing Sewers	14,173,125	14,000,000	14,000,000	14,000,000	14,000,000	14,000,000	84,173,125
2	SW05001	Sewer Assessment and Rehab	5,000,000	15,000,000	30,000,000	30,000,000	30,000,000	30,000,000	140,000,000
3	SW03001	Service To Unsewered Areas	5,035,296	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	10,035,296
4	SW01001	Misc Subdivision Outfalls	17,696,352	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	30,196,352
5	SW02006	Sludge Disp/Earth Complex	6,350,266	500,000	500,000	500,000	500,000	500,000	8,850,266
6	SW04004	Wolf River Interceptor	27,517,222	4,000,000	2,000,000	2,000,000	2,000,000	2,000,000	39,517,222
7	SW02033	South Plant Expansion	11,351,205	6,000,000	8,000,000	6,000,000	5,000,000	5,000,000	41,351,205
8	SW04009	Stiles Plant Modification	1,000,000	6,000,000	8,000,000	5,000,000	5,000,000	5,000,000	30,000,000
9	SW02011	Covered Anaerobic Lagoon	7,139,316	3,000,000	5,000,000	5,000,000	5,000,000	5,000,000	30,139,316
10	SW03010	Marys Creek Interceptor	8,414,900	0	0	0	0	0	8,414,900
11	SW04007	Environmental Maint Relocation	8,000,000	0	0	0	0	0	8,000,000
12	SW04008	Loosahatchie Interceptor	4,726,043	0	0	0	0	0	4,726,043
Total			116,403,725	52,000,000	71,000,000	66,000,000	65,000,000	65,000,000	435,403,725

CIP DETAIL BY PROJECT

SEWER FUND

Project Name Rehab Existing Sewers
Project Number SW02001
Division Priority 1

	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
Revenue Sources							
Sewer Revenue Bonds	14,173,125	14,000,000	14,000,000	14,000,000	14,000,000	14,000,000	84,173,125
Total Revenues	14,173,125	14,000,000	14,000,000	14,000,000	14,000,000	14,000,000	84,173,125
Expenditure Types							
Engineering - Architecture	2,766,444	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,776,444
Land Acquisition	5,080,650	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	10,080,650
Contract Construction	6,326,031	12,000,000	12,000,000	12,000,000	12,000,000	12,000,000	66,326,031
Total Expenditures	14,173,125	14,000,000	14,000,000	14,000,000	14,000,000	14,000,000	84,173,125

Project Description / Justification:

This project provides funds for the repair, rehabilitation or replacement of portions of the existing sewer collection and treatment system as needed.

Operating Budget Impact:

None



CIP DETAIL BY PROJECT

SEWER FUND

Project Name Sewer Assessment and Rehab
Project Number SW05001
Division Priority 2

	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
Revenue Sources							
Sewer Revenue Bonds	5,000,000	15,000,000	30,000,000	30,000,000	30,000,000	30,000,000	140,,000,000
Total Revenues	5,000,000	15,000,000	30,000,000	30,000,000	30,000,000	30,000,000	140,000,000
Expenditure Types							
Engineering - Architecture	2,000,000	4,000,000	5,000,000	5,000,000	5,000,000	5,000,000	26,,000,000
Contract Construction	3,000,000	11,000,000	25,000,000	25,000,000	25,000,000	25,000,000	114,,000,000
Total Expenditures	5,000,000	15,000,000	30,000,000	30,000,000	30,000,000	30,000,000	140,000,000

Project Description / Justification:

Service area wide sanitary sewer condition assessment and rehabilitation program in response to State and Federal mandates.
 Out year funding will be from Tennessee State Revolving Loan Funds

Operating Budget Impact:

None

CIP DETAIL BY PROJECT

SEWER FUND

Project Name Service To Unsewered Areas

Project Number SW03001

Division Priority 3

	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
Revenue Sources							
Sewer Revenue Bonds	5,035,296	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	10,035,296
Total Revenues	5,035,296	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	10,035,296

Expenditure Types							
Engineering - Architecture	385,150	100,000	100,000	100,000	100,000	100,000	885,150
Land Acquisition	204,945	40,000	100,000	40,000	40,000	40,000	464,945
Contract Construction	4,445,201	860,000	800,000	860,000	860,000	860,000	8,685,201
Total Expenditures	5,035,296	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	10,035,296

Project Description / Justification:

This project provides funds for extending sewer service to areas of the City which do not presently have sewers. The City pays the total cost of the projects.

Operating Budget Impact:

None



CIP DETAIL BY PROJECT

SEWER FUND

Project Name Misc Subdivision Outfalls

Project Number SW01001

Division Priority 4

	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
Revenue Sources							
Sewer Revenue Bonds	17,696,352	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	30,196,352
Total Revenues	17,696,352	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	30,196,352
Expenditure Types							
Engineering - Architecture	623,375	110,000	100,000	110,000	110,000	110,000	1,163,375
Land Acquisition	959,507	90,000	100,000	90,000	90,000	90,000	1,419,507
Land Development	510,000	50,000	50,000	50,000	50,000	50,000	760,000
Contract Construction	15,603,470	2,250,000	2,250,000	2,250,000	2,250,000	2,250,000	26,853,470
Total Expenditures	17,696,352	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	30,196,352

Project Description / Justification:

This project provides funds to connect new subdivisions to the City's sewer system within the City's annexation area.

Operating Budget Impact:

None

CIP DETAIL BY PROJECT

SEWER FUND

Project Name Sludge Disp/Earth Complex
Project Number SW02006
Division Priority 5

	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
Revenue Sources							
Sewer Revenue Bonds	5,442,074	500,000	500,000	500,000	500,000	500,000	7,942,074
Other Grant Revenue	908,192	0	0	0	0	0	908,192
Total Revenues	6,350,266	500,000	500,000	500,000	500,000	500,000	8,850,266
Expenditure Types							
Engineering - Architecture	1,097,167	0	0	0	0	0	1,097,167
Land Development	0	0	0	0	0	0	0
Contract Construction	5,253,099	500,000	500,000	500,000	500,000	500,000	7,753,099
Total Expenditures	6,350,266	500,000	500,000	500,000	500,000	500,000	8,850,266

Project Description / Justification:

This project provides funds for sludge disposal equipment and support facilities to prepare sludge for disposal at the Earth Complex and/or the Maxson Waste Water Treatment Plant.

Operating Budget Impact:

None



CIP DETAIL BY PROJECT

SEWER FUND

Project Name Wolf River Interceptor

Project Number SW04004

Division Priority 6

	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
Revenue Sources							
Sewer Revenue Bonds	27,517,222	4,000,000	2,000,000	2,000,000	2,000,000	2,000,000	39,517,222)
Total Revenues	27,517,222	4,000,000	2,000,000	2,000,000	2,000,000	2,000,000	39,517,222
Expenditure Types							
Engineering - Architecture	829,165	150,000	50,000	50,000	50,000	50,000	1,179,165
Land Acquisition	2,910,000	500,000	250,000	250,000	250,000	250,000	4,,410,000
Land Development	0	0	0	0	0	0	0
Contract Construction	23,778,057	3,350,000	1,700,000	1,700,000	1,700,000	1,700,000	33,928,057
Total Expenditures	27,517,222	4,000,000	2,000,000	2,000,000	2,000,000	2,000,000	39,517,222

Project Description / Justification:

This project provides funds for a new interceptor to collect and transport waste water that will parallel the old interceptor to adequately accommodate future flows. It will also extend the interceptor into the Grays Creek to serve existing and future annexation areas.

Operating Budget Impact:

None

CIP DETAIL BY PROJECT

SEWER FUND

Project Name South Plant Expansion

Project Number SW02033

Division Priority 7

	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
Revenue Sources							
Sewer Revenue Bonds	11,351,205	6,000,000	8,000,000	6,000,000	5,000,000	5,000,000	41,351,205
Local Other CIP	0	0	0	0	0	0	0
Total Revenues	11,351,205	6,000,000	8,000,000	6,000,000	5,000,000	5,000,000	41,351,205
Expenditure Types							
Engineering - Architecture	161,500	1,000,000	400,000	600,000	400,000	400,000	2,961,500
Contract Construction	11,351,205	5,000,000	7,600,000	5,400,000	4,600,000	4,600,000	38,389,705
Total Expenditures	11,351,205	6,000,000	8,000,000	6,000,000	5,000,000	5,000,000	41,351,205

Project Description / Justification:

This project provides funds for the construction of additional primary clarifiers, blowers, ABF Towers, final clarifiers, screens, and additional ancillary structures/facilities , as needed to meet Federal and State requirements.

Operating Budget Impact:

None



CIP DETAIL BY PROJECT

SEWER FUND

Project Name Stiles Plant Modification

Project Number SW04009

Division Priority 8

	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
Revenue Sources							
Sewer Revenue Bonds	1,000,000	6,000,000	8,000,000	5,000,000	5,000,000	5,000,000	30,000,000
Total Revenues	1,000,000	6,000,000	8,000,000	5,000,000	5,000,000	5,000,000	30,000,000
Expenditure Types							
Engineering - Architecture	100,000	800,000	1,000,000	400,000	400,000	400,000	3,100,000
Contract Construction	900,000	5,200,000	7,000,000	4,600,000	4,600,000	4,600,000	26,900,000
Total Expenditures	1,000,000	6,000,000	8,000,000	5,000,000	5,000,000	5,000,000	30,000,000

Project Description / Justification:

This project is a cover line and provides funds for the construction of additional treatment facilities, modification of existing treatment facilities, and ancillary structures as needed to meet Federal and State requirements.

Operating Budget Impact:

None

CIP DETAIL BY PROJECT

SEWER FUND

Project Name Covered Anaerobic Lagoon
 Project Number SW02011
 Division Priority 9

	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
Revenue Sources							
Sewer Revenue Bonds	7,139,316	3,000,000	5,000,000	5,000,000	5,000,000	5,000,000	30,139,316
Total Revenues	7,139,316	3,000,000	5,000,000	5,000,000	5,000,000	5,000,000	30,139,316

Expenditure Types							
Engineering - Architecture	799,530	400,000	500,000	500,000	500,000	500,000	3,199,530
Land Development	0	0	0	0	0	0	0
Contract Construction	6,339,786	2,600,000	4,500,000	4,500,000	4,500,000	4,500,000	26,939,786
Total Expenditures	7,139,316	3,000,000	5,000,000	5,000,000	5,000,000	5,000,000	30,139,316

Project Description / Justification:

This project is for covering the remaining anaerobic sludge lagoons at Maxson Plant, expanding/renovating the existing dewatering/sludge handling/processing facilities and upgrading the maintenance facilities. These upgrades are in response to Federal and State mandates.

Operating Budget Impact:

None



CIP DETAIL BY PROJECT

SEWER FUND

Project Name Marys Creek Interceptor
 Project Number SW03010
 Division Priority 10

	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
Revenue Sources							
Sewer Revenue Bonds	8,414,900	0	0	0	0	0	8,414,900
Total Revenues	8,414,900	0	0	0	0	0	8,414,900
Expenditure Types							
Engineering - Architecture	555,000	0	0	0	0	0	555,000
Land Acquisition	164,900	0	0	0	0	0	164,900
Contract Construction	7,695,000	0	0	0	0	0	7,695,000
Total Expenditures	8,414,900	0	0	0	0	0	8,414,900

Project Description / Justification:

This project provides reprogram funds to construct a sanitary sewer interceptor to serve a developing area within the Memphis annexation area. This project is funded by a Tennessee State Revolving Loan Fund.

Operating Budget Impact:

None

CIP DETAIL BY PROJECT

SEWER FUND

Project Name Environmental Maint Relocation

Project Number SW04007

Division Priority 11

	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
Revenue Sources							
Sewer Revenue Bonds	8,000,000	0	0	0	0	0	8,000,000
Total Revenues	8,000,000	0	0	0	0	0	8,000,000
Expenditure Types							
Engineering - Architecture	500,000	0	0	0	0	0	500,000
Land Acquisition	1,600,000	0	0	0	0	0	1,600,000
Contract Construction	5,900,000	0	0	0	0	0	5,900,000
Total Expenditures	8,000,000	0	0	0	0	0	8,000,000

Project Description / Justification:

This project provides reprogram funds to relocate the Environmental Maintenance service center and its ancillary operations.

Operating Budget Impact:

None



CIP DETAIL BY PROJECT

SEWER FUND

Project Name Loosahatchie Interceptor
Project Number SW04008
Division Priority 12

	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
Revenue Sources							
Sewer Revenue Bonds	4,726,043	0	0	0	0	0	4,726,043
Capital PAY GO	0	0	0	0	0	0	0
Total Revenues	4,726,043	0	0	0	0	0	4,726,043
Expenditure Types							
Engineering - Architecture	210,000	0	0	0	0	0	210,000
Contract Construction	4,516,043						4,516,043
Total Expenditures	4,726,043	0	0	0	0	0	4,726,043

Project Description / Justification:

This project provides reprogram funds for a new interceptor to collect and transport wastewater that will parallel the existing Loosahatchie Interceptor and will provide capacity to accommodate future flows. This will serve a developing area within the Memphis Annexation Area. The funding source is Tennessee State Revolving Loan Fund.

Operating Budget Impact:

None